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Office Memorandum • UNITED STATES GOVERNMENT

TO : Acting Chief, Engineering Branch
 THRU : Acting Chief, Plant Engineering Section *AM*
 FROM : []

DATE: 14 August 1951

SUBJECT: Conference with []

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1. I arrived at [] on Monday, 6 August 1951 at 0900, and contacted the General Manager, [] introduced me to [], President; [], Vice-President and [] Assistant Chief Engineer. After an inspection of their offices, facilities and shops, it appears that they are well manned technically, and are in a good position to analyze technical problems.

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2. Accompanying this memorandum is a brochure regarding the organization. After lunch, [] and I had a conference which brought out the following facts: 50X1

a. The \$5,000. allotted to [] by the Navy was not sufficient to complete the engineering research required to convert the Model DAQ Radio Direction Finder from a cross-over loop to an Adcock antenna system. 50X1

b. With the exception of two target transmitters, no DAQ equipment has been received, although it is supposed to be in transit.

c. Mr. Thrift, Chief Engineer, Shore Radio Direction Finding Section of the Navy Department, suggested using a 6 inch diameter aluminum mast for the Adcock antennas. but after considerable study, the engineering group of [] suggested using 2 inch tubing, as the coupling Q is almost that of the 6 inch stock. The 2 inch tubing is easier to obtain and to transport than the 6 inch stock. 50X1

d. [] engineers had interpreted the Navy specifications to require the use of cathode followers. However, they were of the opinion that some sort of coupling transformer would be better suited for the conversion. I informed [] that the dies and technical information for making the transformers should have been shipped to them. They, however, had no news of the existence of any such transformers nor of the special requirements for the connecting cables required in the installation. At my request, [] made a telephone call to Lt. R. B. Badenhammer, Code 927-B, Main Navy, Washington, D. C., who stated that the transformers were in a process of manufacture by a Midwestern concern. This concern, however, has become bankrupt. He also advised [] that he would obtain the equipment from the Midwestern concern and ship it to them. It was decided also that [] would send a man to Washington and contact Lt. Badenhammer for more technical information. 50X1

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e. [] are of the opinion that they can convert our three DAQ equipments in approximately ninety days after receiving the contract, if they have the proper priority for obtaining the necessary aluminum and copper. The cost of the conversion for the three units will be about \$32,000.

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f. I also brought up the subject of converting the four BC-610 transmitters to the broadcast bands. They informed me that they can build the transmitters using the parts of the BC-610 supplied by us, at a cost of between \$20,000. to \$25,000. for the four units.

2. This conference adjourned at 1530 and concluded my business with []

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LMC:den

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